

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :  
Peter HEROLD et al. : **Mail Stop: PCT**  
Serial No. 10/574,108 : Attorney Docket No. 2006\_0446A  
Filed March 31, 2006 :  
ORGANIC COMPOUNDS :  
[Corresponding to PCT/EP2004/052389  
Filed September 30, 2004]

THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEE FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975.

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- ☒ each U.S. Patent and U.S. Patent application publication;
- ☐ each reference previously cited in the international application PCT/\_\_\_\_\_; and/or
- ☐ each reference previously cited in prior parent application Serial No.

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, or

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

**and thus no certification and/or fee is required.**

1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

(1) ☐ the certification of paragraph 2 below is provided, **or**

(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

**the certification of paragraph 2 below is provided, and**

**the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.**

2. It is hereby certified

a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or

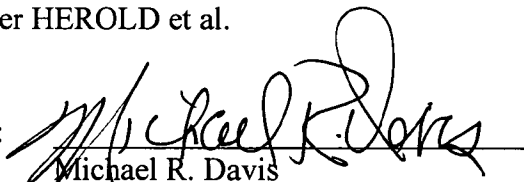
b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.
4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☐ a full or partial English language translation submitted herewith,
  - b. ☒ a foreign patent office search report (International Search Report) (in the English language) of record,
  - c. ☒ the concise explanation contained in the specification of the present application at page 1,
  - d. ☐ the concise explanation set forth in the attached English language abstract,
  - e. ☐ the concise explanation set forth below or on a separate sheet attached to the reference:
5. ☒ A foreign patent office search report (International Search Report) citing one or more of the references is of record.

Respectfully submitted,

Peter HEROLD et al.

By:



Michael R. Davis

Registration No. 25,134

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July 13, 2006

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

Date Submitted to PTO: July 13, 2006

ATTY DOCKET NO.  
2006\_0446ASERIAL NO.  
10/574,108APPLICANT  
Peter HEROLD et al.FILING DATE  
March 31, 2006

GROUP

## U.S. PATENT DOCUMENTS

| *EXAMINER<br>INITIAL |    | DOCUMENT<br>NUMBER | DATE    | NAME            | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE |
|----------------------|----|--------------------|---------|-----------------|-------|----------|-------------------------------|
| /KH/                 | AA | 6,051,712          | 4/2000  | Binggeli et al. |       |          |                               |
| ↓                    | AB | 6,150,526          | 11/2000 | Binggeli et al. |       |          |                               |
| ↓                    | AC | 6,197,959          | 3/2001  | Breu et al.     |       |          |                               |
| ↓                    | AD | 2004/0204455       | 10/2004 | Cody et al.     |       |          |                               |
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| ↓                    | AF | 6,376,672          | 4/2002  | Breu et al.     |       |          |                               |

## FOREIGN PATENT DOCUMENTS

|      |    | DOCUMENT<br>NUMBER | DATE    | COUNTRY | CLASS | SUBCLASS | TRANSLATION<br>YES NO |
|------|----|--------------------|---------|---------|-------|----------|-----------------------|
| /KH/ | AG | 97/09311           | 3/1997  | WO      |       |          |                       |
| ↓    | AH | 00/64887           | 11/2000 | WO      |       |          |                       |
| ↓    | AI | 2004/002466        | 1/2004  | WO      |       |          |                       |
| ↓    | AJ | 2004/089903        | 10/2004 | WO      |       |          |                       |
| ↓    | AK | 00/64873           | 11/2000 | WO      |       |          |                       |

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

|      |    |   |
|------|----|---|
| /KH/ | AL | Rolf Güller et al., "Piperidine-Renin Inhibitors Compounds with Improved Physicochemical Properties", Bioorganic & Medicinal Chemistry Letters, ISSN: 0960-894X, vol. 9, no. 10, pages 1403-1408, XP002317171, 1999.        |
| /KH/ | AM | H.P. Märki et al., "Piperidine renin inhibitors: from leads to drug candidates", Farmaco, 56(1-2) ISSN: 0014-827X, pages 21-27, XP002317172, 2001.  |
| /KH/ | AN | Daiga M. Helmeste et al., "Serotonin uptake inhibitors modulate intracellular Ca <sup>2+</sup> mobilization in platelets", European Journal of Pharmacology, vol. 288, pages 373-377, XP002317173, 1995.                    |
| /KH/ | AO | Matthew G. Bursavich et al., "From Peptides to Non-Peptide Peptidomimetics: Design and Synthesis of New Piperidine Inhibitors of Aspartic Peptidases", Organic Letters, vol. 3, no. 15, pages 2317-2320, XP002317174, 2001. |
| /KH/ | AP | Matthew G. Bursavich et al., "Solid-Phase Synthesis of Aspartic Peptidase Inhibitors: 3-Alkoxy-4-Aryl Piperidines", Organic Letters, vol. 3, no. 17, pages 2625-2628, XP002317175, 2001.                                    |

EXAMINER

/Kahsay Habte/

DATE CONSIDERED

12/03/2008

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FORM PTO 1449 (modified)

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|----------------------|----|--------------------|------|------|-------|----------|-------------------------------|
|                      | BA |                    |      |      |       |          |                               |
|                      | BB |                    |      |      |       |          |                               |
|                      | BC |                    |      |      |       |          |                               |
|                      | BD |                    |      |      |       |          |                               |
|                      | BE |                    |      |      |       |          |                               |
|                      | BF |                    |      |      |       |          |                               |
|                      | BG |                    |      |      |       |          |                               |
|                      | BH |                    |      |      |       |          |                               |
|                      | BI |                    |      |      |       |          |                               |

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|--|----|--------------------|------|---------|-------|----------|-----------------------|--|
|  | BJ |                    |      |         |       |          |                       |  |
|  | BK |                    |      |         |       |          |                       |  |
|  | BL |                    |      |         |       |          |                       |  |
|  | BM |                    |      |         |       |          |                       |  |
|  | BN |                    |      |         |       |          |                       |  |

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| /KH/ | BO | Eric Vieira et al., "Substituted Piperidines - Highly Potent Renin Inhibitors Due to Induced Fit Adaptation of the Active Site", Bioorganic & Medicinal Chemistry Letters, vol. 9, pages 1397-1402, XP002317176, 1999. |
|      | BP |  |
|      | BQ |  |

EXAMINER

/Kahsay Habte/

DATE CONSIDERED

12/03/2008